



United States
Department of
Agriculture

Forest
Service

Northeastern Area
State & Private
Forestry

180 Canfield Street
Morgantown, WV 26505-3101

File Code: 3400
Date: January 28, 2004

Mr. Donald Thompson
U.S. Army Corps of Engineers
Huntington District
502 8th Street
Huntington, WV 25701

Dear Mr. Thompson:

Summaries of the 1983-2003 gypsy moth program conducted at four U.S. Army Corps of Engineers sites within the Huntington District are enclosed for your information (Table 1). Also enclosed are maps showing the trap locations at these sites (Figures 1a-1d). The purpose of the trapping program is to monitor low-level gypsy moth populations and help determine when more intensive survey methods should be employed.

Male gypsy moth catches at all four sites have either remained relatively unchanged or have decreased over the last couple of years. There was no change in trap results at Paint Creek Lake. In 2003, total male gypsy moths trapped at Deer Creek increased to three moths. At Alum Creek and Delaware Lake, trap catches decreased from the 2001 and 2002 trap counts.

Based on the results of the trapping program at each Corps site, gypsy moth populations will not have an impact on the forest resources at these sites in the immediate future.

Figures 2a-2d show the 2003 gypsy moth Slow-the-Spread (STS) trapping results in Ohio. The inserts on each figure show close-ups of the STS results in relation to the four Corps site properties. For more information regarding the STS program, visit <http://www.gmsts.org>.

It is important for Corps personnel to look for other gypsy moth life stages while performing their normal duties. Visit our GM Digest web site located at <http://na.fs.fed.us/wv/gmdigest> for publications that are helpful in identifying the different gypsy moth life stages.

We would like to continue the trapping program at the same intensity at all of these Corps sites in 2004. Thank you for your continued cooperation and if you have any questions regarding these results, please call Karen Felton at (304) 285-1556.

Sincerely,

JOHN W. HAZEL



**Field Representative
Morgantown Field Office**

Enclosures

cc: **Noel Schneeberger, AO**
Joe Williams, Park Ranger, Alum Creek
Susan Maynaird, Deer Creek Lake
Ben O'Dell, Delaware Lake
Bob Cifranic, Dillon Lake
Janet Lahm, Mohawk Dam, No. Branch Kokosing
Jay Van Hoose, Paint Creek Lake
Brian Burke, OHDA

JWH/KDF/blm

Table 1.—Summary of the 1983-2003 gypsy moth trapping results,
Huntington District, U.S. Army Corps of Engineers.

Alum Creek (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	9
1986	15	1	--
1987	15	0	--
1988	15	0	--
1989	15	0	--
1990	15	4	2, 3, 11, 15
1991	15	2	7, 10
1992	15	7	1,2,4,6,7,11
1993	15	12	All except 1, 2, 7, 9, 12, 13
1994	15	3	3, 12
1995	13	3	1, 5, 7
1996	15	1	14
1997	15	14	1-4, 8-13
1998	15	10	2, 3, 8-11, 15
1999	15	36	1, 2, 4, 7, 9-11, 13, 14
2000	15	21	12, 6-10, 12, 13
2001	15	78	--
2002	15	--	No Data
2003	15	44	1-13

Deer Creek Lake (Fayette and Pickaway Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	13	0	--
1986	15	0	--
1987	15	0	--
1988	15	0	--
1989	15	1	15
1990	15	0	--
1991	15	0	--
1992	15	3	6, 7, 13
1993	15	3	1, 6
1994	15	0	--
1995	18	0	--
1996	18	1	10
1997	20	6	1, 2, 10, 16
1998	15	1	13
1999	14	1	1
2000	15	4	12
2001	15	3	--
2002	15	0	--
2003	15	3	5, 9

Delaware Lake (Delaware County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	18	0	--
1986	15	0	--
1987	15	0	--
1988	12	0	--
1989	12	0	--
1990	12	0	--
1991	10	0	--
1992	10	1	9
1993			No traps deployed
1994	12	0	--
1995	15	3	4, 12, 13
1996	15	1	14
1997	15	45	2-5, 7-13, 15
1998	15	3	2, 7, 13
1999	15	74	All
2000	15	9	1, 2, 6, 9, 11, 12, 13
2001	15	68	--
2002	14	37	All except 2, 3
2003	15	18	1, 2, 5, 8, 12, 13

Dillon Lake (Muskingum County, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	15	0	--
1985	15	0	--
1986	15	4	4, 11
1987	15	0	--
1988	16	0	--
1989	16	9	2, 6, 8, 11-13, 15
1990	16	0	--
1991	16	11	4-6, 8, 9, 11, 13, 14, 16
1992	16	31	All except 4, 7, 8, 16
1993	3	6	17, 18
1994	16	15	2, 5, 6, 12, 13, 14, 15
1995	--	--	Traps not deployed
1996	14	21	1, 3, 7, 8, 11-13
1997	15	27	1, 2, 5, 8, 10-12, 15
1998	14	141	All except 11
1999	15	224	All
2000	15	241	All
2001	15	208	--
2002	11	128	All
2003	--	--	Traps not deployed

Paint Creek Lake (Highland and Ross Counties, OH)

Year	Number of Traps	Total Moths Caught	Positive Catch Trap Number
1983	15	0	--
1984	10	0	--
1985	10	0	--
1986	12	3	2
1987	12	0	--
1988	10	0	--
1989	10	6	5, 7, 8, 9
1990			No Data
1991	10	0	--
1992	12	0	--
1993	14	0	--
1994	13	6	3, 4, 12, 13
1995	14	15	3, 4, 10-13
1996	13	10	3, 4, 8, 9, 11, 13
1997	14	21	2, 7-13
1998			No data
1999	15	8	3-5, 8, 11, 13
2000	13	8	2, 3, 7, 8, 10-12
2001	13	5	1, 3, 7-10, 12, 13
2002	13	1	4
2003	13	1	4



Figure 1a.--2003 gypsy moth trap locations at Alum Creek Lake.



Trap locations

- 0 moths per trap
- 1 - 5 moths per trap
- 6 - 10 moths per trap
- 11 moths per trap

0.5 0 0.5 1 Miles



Figure 1b.--2003 gypsy moth trap locations at Deer Creek lake.



